

IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-4 (cancelled)

Claim 5 (currently amended) A lithium rechargeable battery, comprising:

a current collecting material; and

~~active a conductor-mixed electrode active material, which is a mixture of~~
~~an electrode material with having lithium, which is stirred and mixed with and a~~
~~conductive material together with obtained by use of~~ at least one hard ~~bell ball in~~
~~a ball mill without a binder, thereby forming a conductor-mixed active electrode~~
~~material; and an electrode structure which has said conductor-mixed active~~
~~electrode active material is~~ formed on a surface of said current collecting material.

Claim 6 (currently presented): A The lithium rechargeable battery according to claim 5, wherein

said active electrode material having the lithium is lithium manganate whereas the conductive material is carbon.

Claim 7 (currently amended): A lithium rechargeable battery according to claim 5, wherein

a surface on the current collecting material in contact with an electrode layer ~~has a surface having more than one recess portion~~ is rough.

Claim 8 (previously presented): A The lithium rechargeable battery according to claim 5, wherein

a current collector layer made of an electrical conduction assistant and an anchor material are between the current collecting material and an electrode layer.

Claim 9 (currently amended): A method of making a lithium rechargeable battery, comprising the steps of:

making a conductor-mixed active electrode material by stirring and mixing an active electrode material ~~with having~~ lithium and a conductive

material together with hard balls without use of a binder, and
attaching by a binder the conductor-mixed active electrode material onto
a surface of a current collecting material to thereby form a positive electrode
structure.

Claim 10 (previously presented): A The method of making a lithium
rechargeable battery according to claim 9, wherein
the active electrode material is lithium manganate whereas the
conductive material is carbon.

11. (Deleted)

Claim 12 (new): The lithium rechargeable battery according to claim 5,
wherein
said conductor-mixed active electrode material has conductive material
bonded in a flocculent form on the surface.

Claim 13 (new): The method of making a lithium rechargeable battery
according to claim 9, wherein
said conductor-mixed active electrode material has conductive material
bonded in a flocculent manner on the surface.